

STEREO MOC Status Report  
Time Period: 2007:057 - 2007:063

STEREO Ahead (STA) Status:

1. The following Ground System events and anomalies occurred during this reporting period:

- On day 059, approximately 1 minute of VC7 data was lost from 18:58-18:59. DSS-26 indicated that the Turbo Decoder went out of lock.
- At the end of the track on day 063, the SSR was not completely played back. This was not an anomaly, the recorder was too full to complete the playback.

2. Ahead spacecraft performance continues to be very good with all subsystems performing nominally. The following spacecraft/instrument events occurred during this week:

- On day 057 the Mission Operations Macros were updated in EEPROM copy 1 and 2 to incorporate all changes since launch and loaded to RAM last week on day 050.
- On day 058 the C&DH Health Monitoring Flight Software Patch was applied to RAM.
- On day 059 a new thruster set A deadzone parameter was loaded to G&C RAM.
- On day 060, a Momentum Dump was executed and successfully dumped momentum from Spacecraft A.

STEREO Behind (STB) Status:

1. There were no Ground System anomalies during this reporting period.

2. Behind spacecraft performance continues to be very good with all subsystems performing nominally. The following spacecraft/instrument events occurred during this week:

- On day 057 the Mission Operations Macros were updated in EEPROM copy 1 and 2 to incorporate all changes since launch and loaded to RAM last week on day 050.

- On day 057 SECCHI patched their Flight Software to version 5.02.
- On day 059 the C&DH Health Monitoring Flight Software Patch was applied to RAM.
- On days 059 and again on day 063, the G&C anomaly count incremented with an anomaly of HC\_GT\_Missing. SECCHI was commanding at the time and they had issued a software task re-load which caused the Guide Telescope to go dead on the 1553 bus for a short time causing the anomaly indication.